

012761



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

Split
(S)

D3439-101
Job Sheet 192786



Part No: D3439-101

Job Qty: 12 pcs

Part Name: Mirror Assembly 8"



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/2/19

Job Tracking No:

Created By: Chantal Lavoie

Due Date: 4/22/19

Description:

Type: Stock

Note: DWG REV B IPP A 05.07.20 New issue KJ/JLM IPP Rev:B 10.09.08 per dwg RevB DD verf:ec

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing	12 pcs	<i>OP</i> 4/22/19		0.00	0.00	Purchasing - 1	<i>OP</i> APR 08 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	12 pcs	4/22/19		0.00	0.00	Packaging 2 - 1 - B4B	<i>OP</i> APR 08 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Container No: S170433



Part: D3439 - 101

Job No: 192786

Serial No/Batch: S170433

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 04/08/19

Demuel

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
115 QC 6	12 pcs	4/22/19	0.00 0.00		QC 6 - 9	
					QC 6 - 68	DAS
					QC 6 - 61	51
120 Small Fab - 2 - B4B	12 pcs	4/22/19	0.00 9.68		Small Fab - 1 - B4B	1-89
					Small Fab - 2 - B4B	
					Small Fab - 3 - B4B	
					Small Fab - 4 - B4B	
					Small Fab - 5 - B4B	NOV 05 2019
					Small Fab - 6 - B4B	
					Small Fab - 7 - B4B	
130 QC 5	12 pcs	4/22/19	0.00 0.00		QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	DAS
140 Packaging 3-1 - Stock - B4B	12 pcs	4/22/19	0.00 0.00		Packaging 3 - 1 - B4B	NOV 29 2019
					Packaging 3 - 2 - B4B	40
					Packaging 3 - 3 - B4B	9-89
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	PC 57383
					Packaging 3 - 24 - B4B	

				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
150 QC 21 - SA	12 pcs	4/22/19	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21 DEC 04 2019
				QC 21 - SA - 53	3-00

Part Op 100 - Issue P/O: _____ For Grote Mirror P/N: 12183 Possible Supplier: UAP/NAPA Material release note is
 Descriptions: required

110 - (Receive & Inspect for Damage & Mat'l Certs)

115 - (QC6- All purchased or subcontracted products)

120 - 1- Discard Hardware. 2- Drill and Tap mirror as per Dwg using DT9670 , then install stud as per dwg. 3- Plug drain holes with Sikaflex. Ensure that mirror adheres to housing. Pick: Qty Part Number Description Batch A/RN/A Sikaflex-241/-291 _____ Sikaflex expiry date _____

130 - (QC5- Inspect part completeness to step on W/O)

140 - (Identify as per dwg & Stock Location: _____)

150 - (QC21- Final Inspection - Work Order Release)

PO Details

B C Industrial (bci001-vc)



PO No: PO043082

Line No: 2

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
12183	Grote Mirror D3439-101	12 pcs (1 ea)	100-Purchasing	S 170411
D3015-3	Locknut	GA127 12 pcs (1 ea)	120-Small Fab - 2 - B4B	S152347
D3439-3	Stud	GA129 12 pcs (1 ea)	120-Small Fab - 2 - B4B	120-Small Fab - 2 - B4B
NAS1149C0563R	Washer	ST265 12 Ea (1 ea)	120-Small Fab - 2 - B4B	S167860

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	12183	12	0	0
120-Small Fab - 2 - B4B	D3015-3	12	600	0
	D3439-3	12	5	0
	NAS1149C0563R	12	514	0

Part Specifications

Specifications could not be found.

**Special Comments:**

APR 03 2019

visit

CL

[Signature]

Apr 4 2019

Packing Slip

PS190404DA

Livrer a/Ship to:

Dart Aerospace Ltd
1270 Aberdeen
Hawksbury, Ont
K6A 1K7

Votre PO# 43082

Description	Livrer/Ship	B/O
1. Grote mirror 12183	12	0

DAS
61
9-89

BC Industrial.... 14 Old Forest....Kirkland, Quebec.. H9J2Z8
Phone 514-585-8907 bcpc1@videotron.ca

BC Industrial..... 14 Old Forest....Kirkland....Quebec....H9J-2Z8....Canada

Phone 514-585-8907

Email bcpc1@videotron.ca

Certificate of Compliance

Apr 4 2019

Dart Aerospace Ltd
1270 Aberdeen
Hawksbury, Ont
K6A 1K7

Att: Chantal Lavoie

This is to confirm that the parts delivered on our

PS190404DA

Grote mirror 12183

DAS
61
9-89

conforms to the specifications outlined on your purchase
order 43082

Thank you

Bryan Cameron

#TPS/GST-14264062

#TVQ/PST-1021696907

Terms 2%10 Net 30



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D3439-101
Job Sheet 192786



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Type: Stock

Description:

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Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	12 pcs		4/22/19	0.00	0.00	Purchasing - 1		
	APR 03 2019	DAS					Purchasing - 2		
		13					Purchasing - 3		
		9.89							
110	Packaging	12 pcs		4/22/19	0.00	0.00	Packaging2		
115	QC	12 pcs		4/22/19	0.00	0.00	QC6		
120	Small Fab	12 pcs		4/22/19	0.00	9.68	Small Fab-3		
130	QC	12 pcs		4/22/19	0.00	0.00	QC5		
140	Packaging	12 pcs		4/22/19	0.00	0.00	Packaging3-1		
150	QC21-SA	12 Ea		4/22/19	0.00	0.00	QC21		

Part Op 100 - Issue P/O: _____ For Grote Mirror P/N: 12183 Possible Supplier: UAP/NAPA Material release note is
Descriptions: required
120 - 1- Discard Hardware. 2- Drill and Tap mirror as per Dwg using DT9670 , then install stud as per dwg. 3- Plug drain
holes with Sikaflex. Ensure that mirror adheres to housing. Pick: Qty Part Number Description Batch A/RN/A Sikaflex-
241/-291 _____ Sikaflex expiry date _____

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
12183	Grote Mirror D3439-101	12 pcs (1 ea)	100-Purchasing	
D3015-3	Locknut	12 pcs (1 ea)	120-Small Fab	
D3439-3	Stud	12 pcs (1 ea)	120-Small Fab	
NAS1149C0563R	Washer	12 Ea (1 ea)	120-Small Fab	

Job Allocations

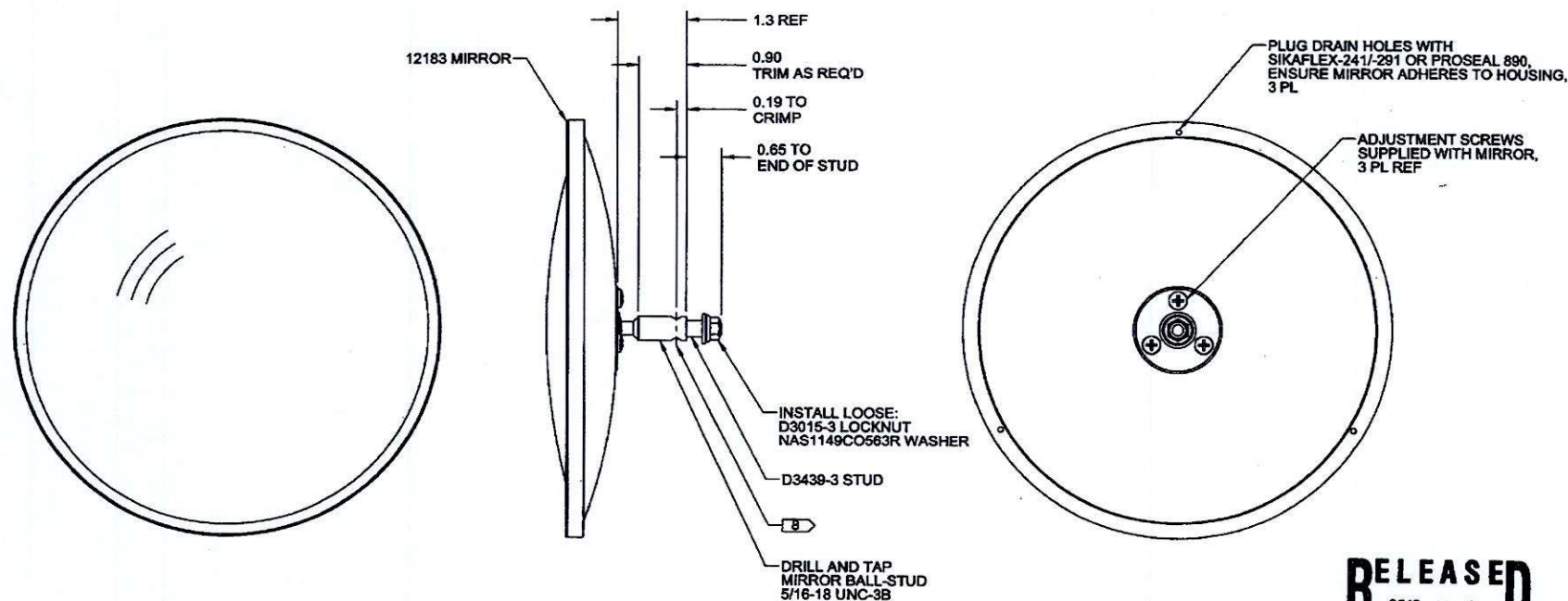
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	12183	12	0	0
120-Small Fab	D3015-3	12	620	0
	D3439-3	12	5	0
	NAS1149C0563R	12	500	0

Part Specifications

Specifications could not be found.

Plex 4/2/19 8:36 AM dart.lavoie.chantal

ITEM	QTY	P/N	DESCRIPTION
1	X	D3439-101	MIRROR ASSEMBLY, 8"
2	1	12183	MIRROR 8" (GROTE)
3	1	D3015-3	LOCKNUT
4	1	D3439-3	STUD
5	1	NAS1149CO563R	WASHER (OR AN960JD516)



D3439-101 MIRROR ASSEMBLY

NOTES:

- 1) MATERIAL: MIRROR= 8" ROUND CONVEX MIRROR W/ STAINLESS STEEL CASE
CENTER-MOUNT BALL-STUD W/ 1/4-20 X 1" DEEP FEMALE THREAD
GROTE INDUSTRIES, 2600 LANIER DRIVE, MADISON, INDIANA 47250
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3439-101" USING REMOVEABLE TAG
- 7) WEIGHT: 1.18 lbs
- 8) TO INSTALL D3439-3 STUD:
 - APPLY LOCKTITE 262 TO THREADS BEING INSTALLED INTO MIRROR BALL-STUD
 - THREAD D3439-3 STUD INTO MIRROR BALL-STUD
 - CRIMP MIRROR BALL-STUD ON OPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
 - CRIMP TO DEPTH OF 0.015-0.030 USING R0.125

RELEASED
2010-09-07
AN

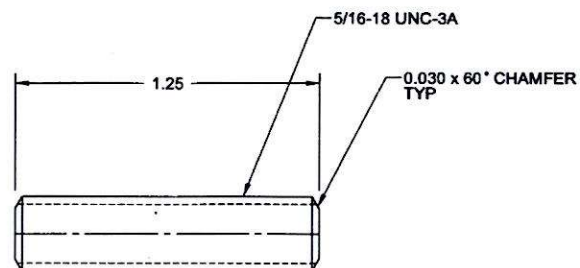
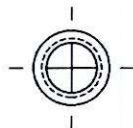
B	REDRAW, ADD -3 (WAS PURCHASED/TRIMMED BOLT), RMV LPS	CP	10.07.20
A	NEW ISSUE	CP	05.05.27
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.07.20		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3439** REV. B
SHEET 1 OF 2

TITLE **MIRROR ASSEMBLY** SCALE NTS

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D3439-3 STUD 

RELEASED
2010-09-07
MP

NOTES:

- 1) MATERIAL: AISI 303 STAINLESS STEEL ROUND BAR PER ASTM A582
REF DART SPEC M303R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.03 lbs

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>GP</i>	DRAWING NO.	REV. B
CHECKED		D3439	SHEET 2 OF 2
MFG. APPR.	<i>[Signature]</i>	TITLE	SCALE
APPROVED	<i>[Signature]</i>	MIRROR ASSEMBLY	NTS
DE APPR.	<i>[Signature]</i>	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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